



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/18/2011

Ryan Mingo
Assistant District Attorney, Suffolk County

Dear ADA Mingo,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the testing and net weight for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Dorchester

MA

Roxbury

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

White Rock (crack cocaine) 2 plb's

3.96g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED] Date Analyzed: 04-13-11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 02/24/2011

No. Analyzed:

Gross Wt.: 3.96

Net Weight:

Tests: 12 ASD

Prelim:

Findings: Negative

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASD

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

white chunky substance
in 2 pbs

Gross Wt (2): 0.3007

Gross Wt (1): 0.1286

Pkg. Wt:

Net Wt: 0.0826

→

PRELIMINARY TESTS

Spot Tests

Cobalt
2 Thiocyanate (-)
2 Marquis
2 Froehde's
2 Mecke's

Microcrystalline Tests

Gold
2 Chloride
2 TLTA (-)

OTHER TESTS

2016
2GC

PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 01-12-11

GC/MS CONFIRMATORY TEST

RESULTS

MS
OPERATOR

DATE 4-13-11

Sample #: [REDACTED]

samples tested: 2

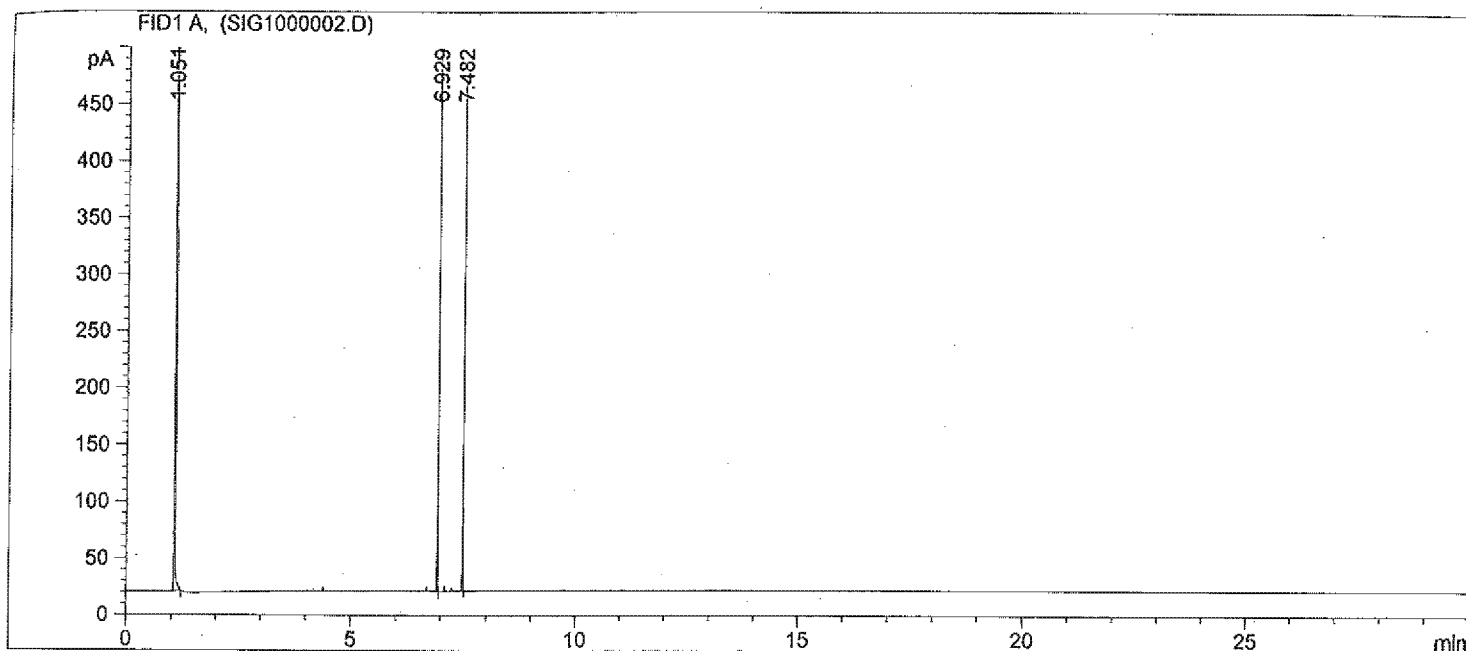
#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.1286	0.0460	0.0826	26			
2	0.1290	0.0448	0.1342	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

$$\text{Net wt} = 0.2168$$

```
=====
Operator       : ASD                      Seq. Line :    2
Instrument      : DrugLab GC #2           Location  : Vial 2
Injection Date  : 4/12/2011 3:54:10 PM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



=====
Area Percent Report
=====

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul] (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

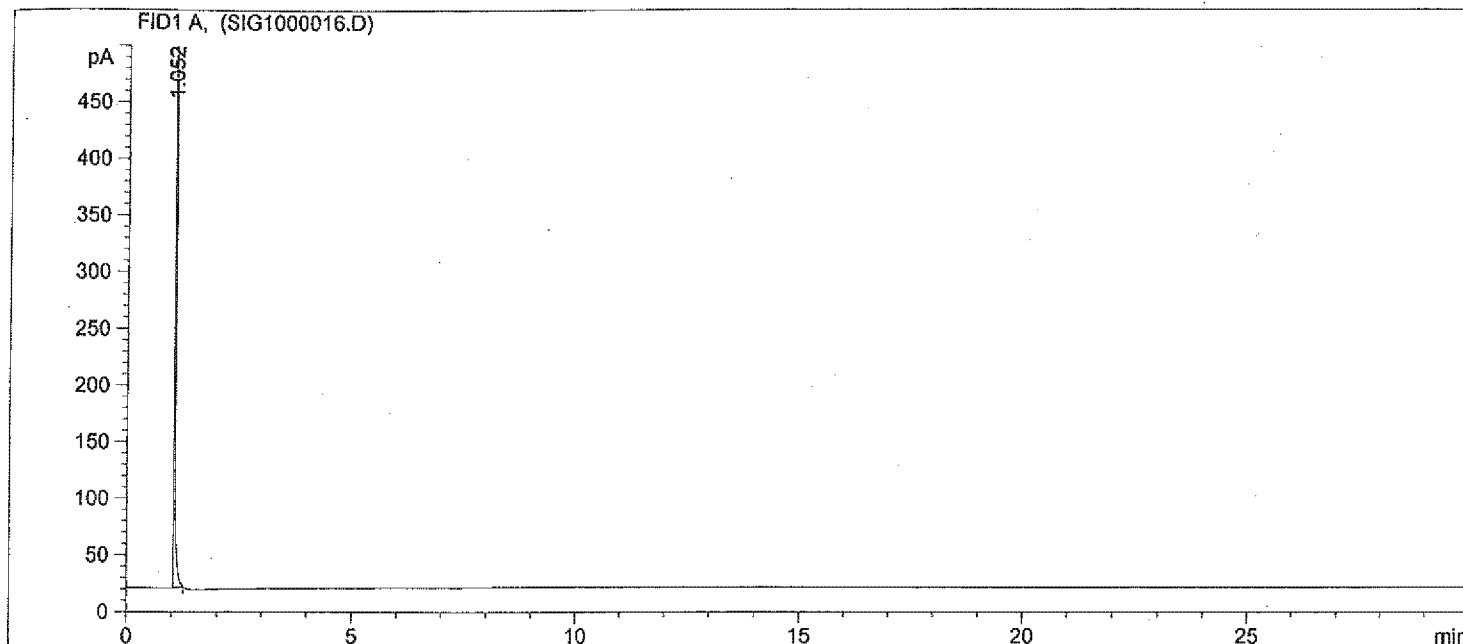
Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.051	1	BB S	7.18396e4	7.31757e4	99.00612
2	6.929	1	BB	369.42786	467.72412	0.50913
3	7.482	1	BB	351.74295	439.51312	0.48476

Totals : 7.25608e4 7.40829e4

=====
*** End of Report ***

```
=====
Operator       : ASD                      Seq. Line :   16
Instrument     : DrugLab GC #2           Location  : Vial 16
Injection Date : 4/13/2011 12:01:58 AM   Inj       :    1
                                           Inj Volume: 1 µl
Sequence File  : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method         : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD
=====
```



=====
Area Percent Report
=====

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

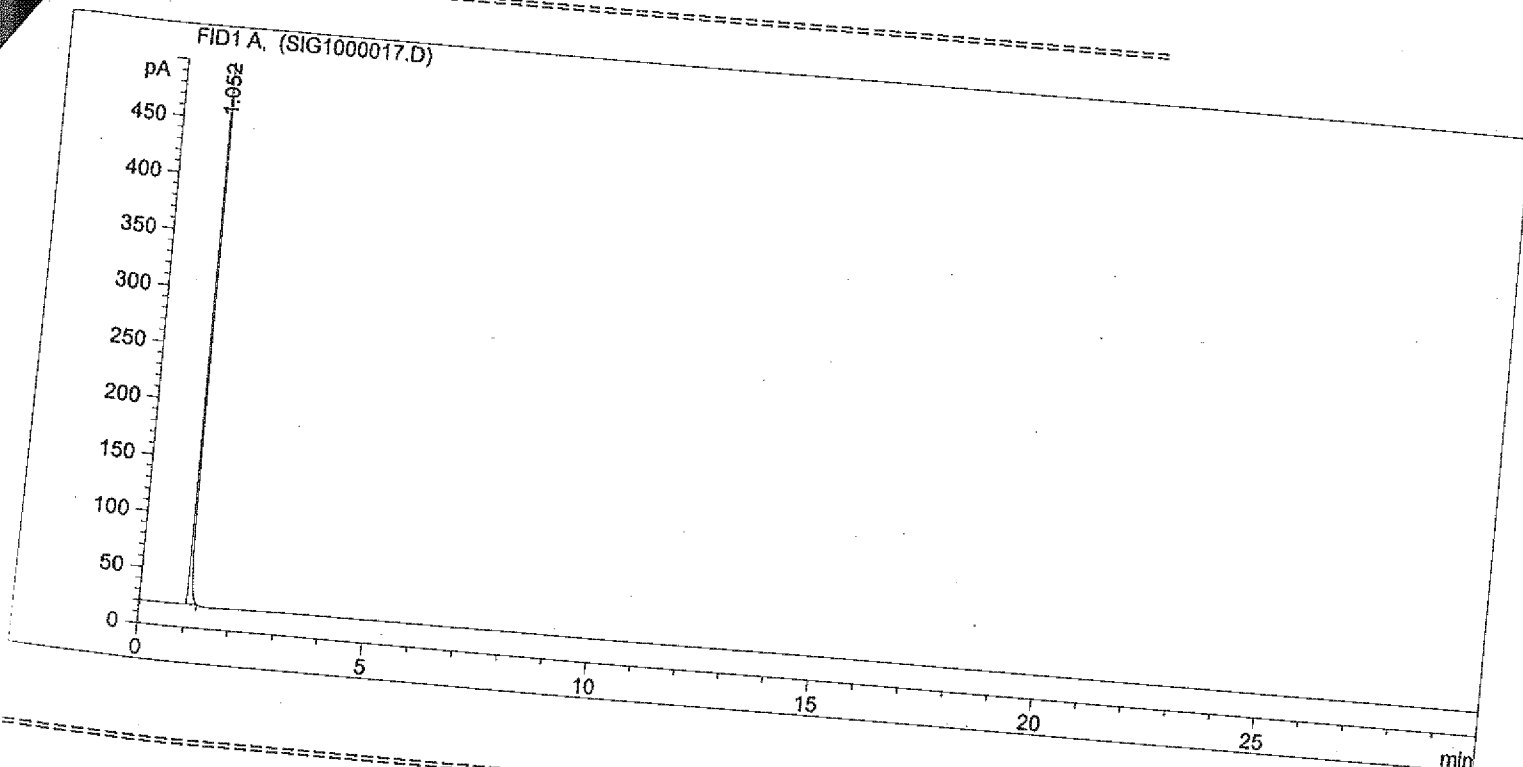
Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.052	1	BB S	7.55717e4	7.46017e4	1.000e2

Totals : 7.55717e4 7.46017e4

=====
*** End of Report ***

Operator : ASD
 Instrument : DrugLab GC #2
 Injection Date : 4/13/2011 12:36:45 AM
 Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
 Method : C:\CHEM32\1\METHODS\GENSCAN.M
 Last changed : 3/9/2011 1:49:11 PM by ASD
 Seq. Line : 17
 Location : Vial 17
 Inj : 1
 Inj Volume : 1 µl



Area Percent Report

Sorted By : Retention Time
 Multiplier: : 1.0000
 Dilution: : 1.0000
 Sample Amount: : 1.00000 [ng/ul] (not used in calc.)
 Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.052	1	BB S	7.03574e4	7.43222e4	1.000e2

7.03574e4 7.43222e4

*** End of Report ***